

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080118\
 Data File : BM016139.D
 Acq On : 01 Aug 2018 13:52
 Operator : SJ/JU
 Sample : J4175-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AC1

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 1 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M
 Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.463	24	30	35	rBV2	12526	19957	1.19%	0.121%
2	7.357	688	692	708	rBB2	57846	110249	6.59%	0.667%
3	7.522	714	720	732	rBV	184424	297378	17.77%	1.800%
4	7.722	748	754	771	rBB	239393	394472	23.57%	2.388%
5	8.198	829	835	848	rBB	214511	359833	21.50%	2.179%
6	8.910	951	956	969	rBV	170553	298233	17.82%	1.806%
7	9.381	1030	1036	1048	rBV	303281	509139	30.42%	3.083%
8	10.104	1153	1159	1175	rBB	282847	467615	27.94%	2.831%
9	10.639	1244	1250	1267	rBV	344821	615256	36.76%	3.725%
10	11.016	1307	1314	1325	rBV	331818	552651	33.02%	3.346%
11	14.227	1854	1860	1866	rBV	742764	985494	58.87%	5.967%
12	14.521	1904	1910	1920	rBV	801716	1102211	65.85%	6.673%
13	14.821	1955	1961	1969	rBV2	478735	707635	42.27%	4.284%
14	15.063	1997	2002	2011	rBV4	22969	53883	3.22%	0.326%
15	15.810	2123	2129	2138	rBV	980404	1348965	80.59%	8.167%
16	15.951	2148	2153	2166	rBB	323786	455359	27.20%	2.757%
17	16.474	2238	2242	2247	rBB	64606	72557	4.33%	0.439%
18	17.551	2420	2425	2434	rBV	587915	844220	50.43%	5.111%
19	17.651	2437	2442	2451	rBV	1006879	1399054	83.58%	8.470%
20	18.404	2563	2570	2583	rBV	169139	239430	14.30%	1.450%
21	19.656	2778	2783	2794	rBV	147413	205900	12.30%	1.247%
22	19.915	2821	2827	2834	rBV	1318132	1673893	100.00%	10.134%
23	21.356	3068	3072	3079	rVB4	32858	59035	3.53%	0.357%
24	21.674	3121	3126	3131	rBV	807437	991990	59.26%	6.006%
25	22.221	3216	3219	3223	rVB4	35957	42595	2.54%	0.258%
26	22.697	3297	3300	3305	rVB	64584	87272	5.21%	0.528%
27	23.227	3387	3390	3396	rVB2	86696	136417	8.15%	0.826%
28	23.821	3487	3491	3495	rBV	85470	135627	8.10%	0.821%
29	23.886	3495	3502	3511	rVB2	697060	1399189	83.59%	8.471%
30	24.033	3520	3527	3535	rVB2	407182	797591	47.65%	4.829%
31	24.491	3602	3605	3613	rVB2	81534	153698	9.18%	0.931%

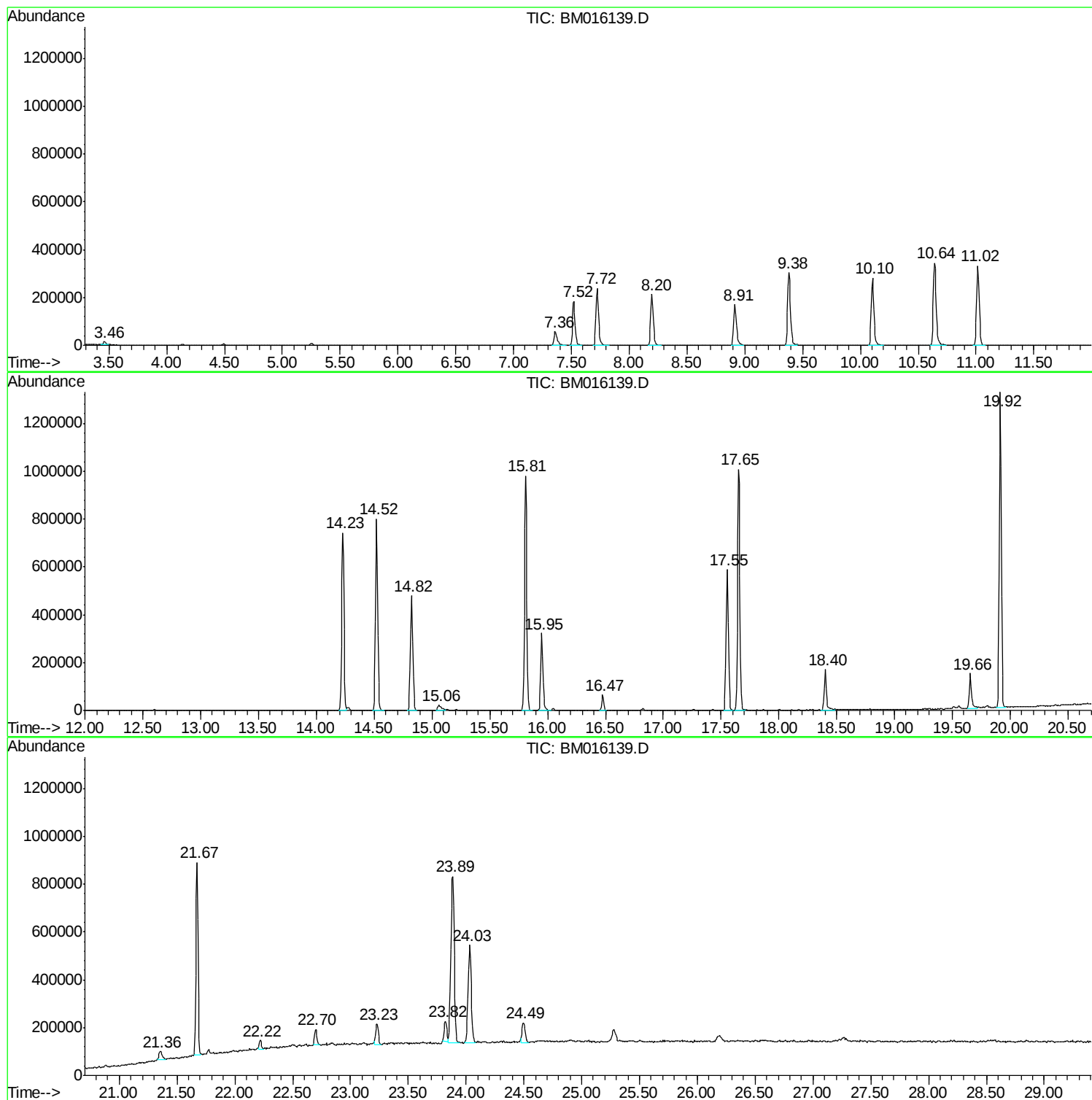
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



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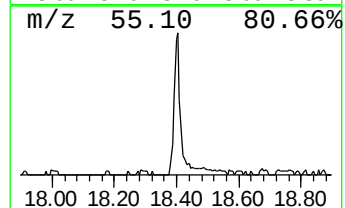
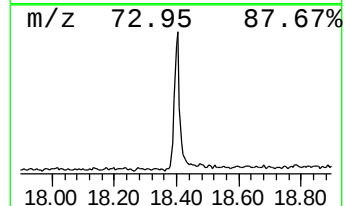
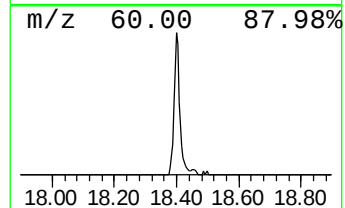
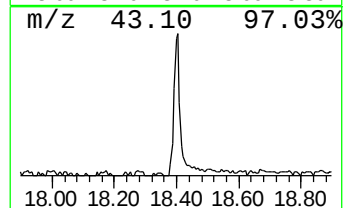
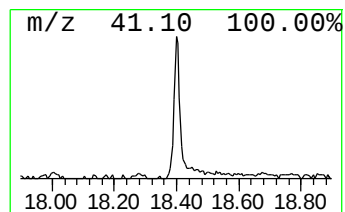
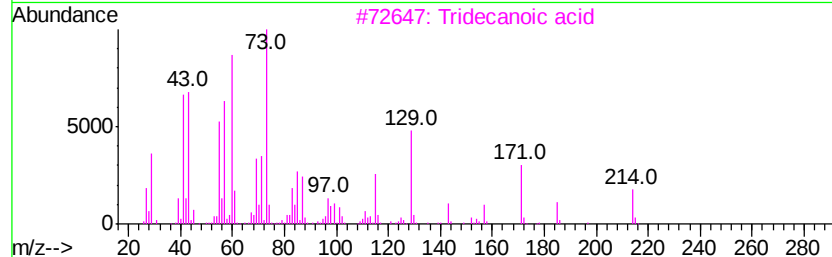
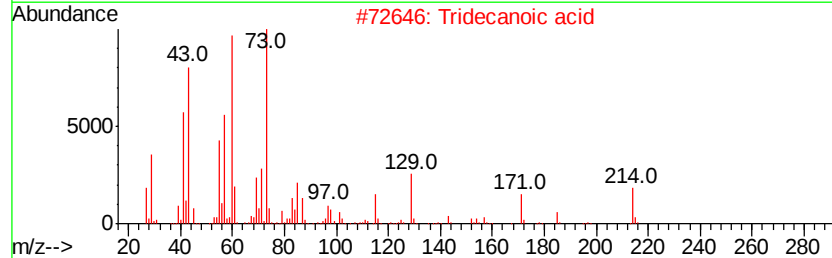
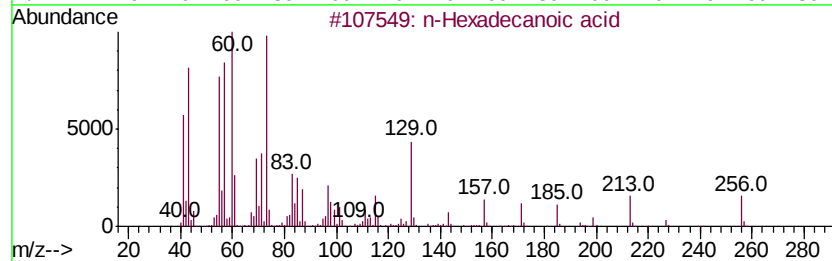
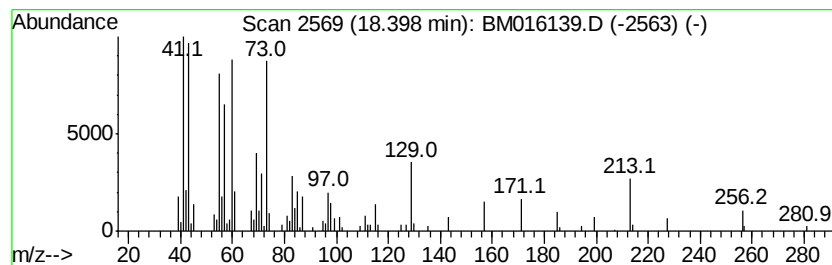
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
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Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.40	5.67 ng/ul	239430	Phenanthrene-d10	17.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2		Tridecanoic acid	214	C13H26O2	000638-53-9	94
3		Tridecanoic acid	214	C13H26O2	000638-53-9	94
4		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
5		Tridecanoic acid	214	C13H26O2	000638-53-9	76



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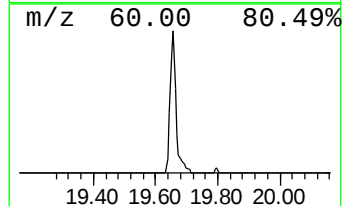
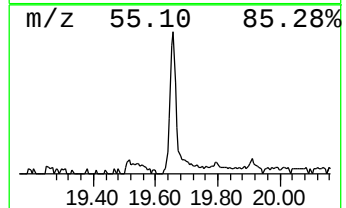
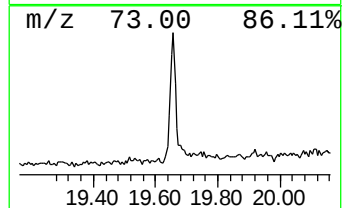
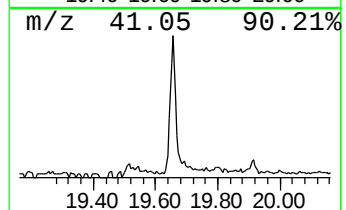
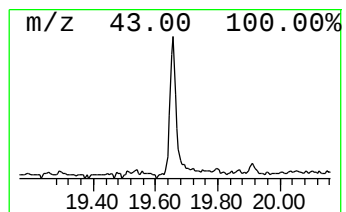
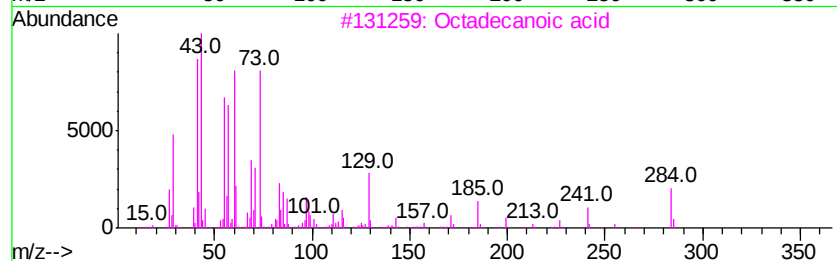
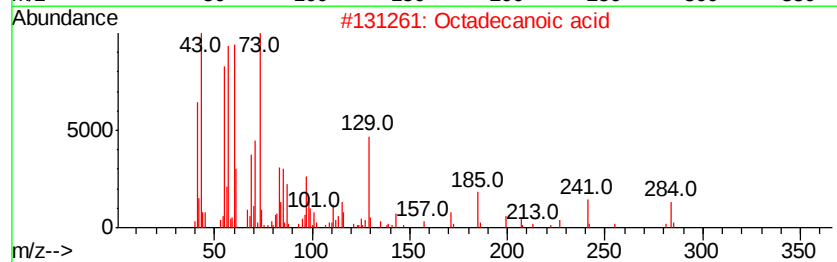
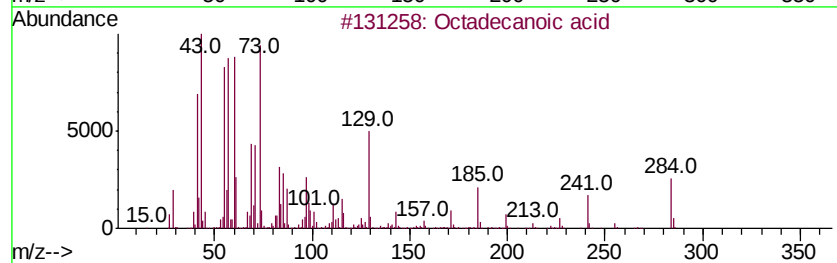
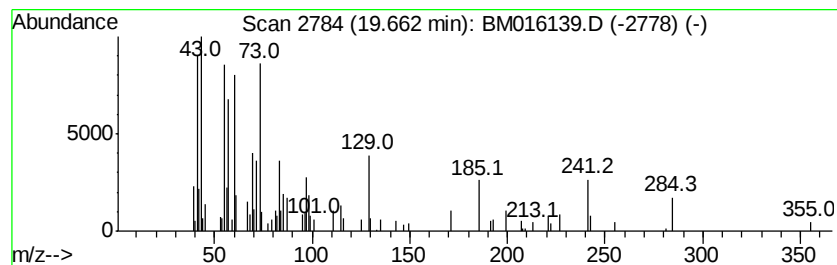
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Peak Number 2 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.66	4.15 ng/ul	205900	Chrysene-d12	21.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Octadecanoic acid	284	C18H36O2	000057-11-4	93
3		Octadecanoic acid	284	C18H36O2	000057-11-4	93
4		Octadecanoic acid	284	C18H36O2	000057-11-4	91
5		Octadecanoic acid	284	C18H36O2	000057-11-4	90



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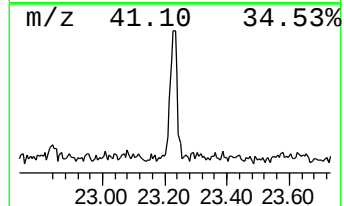
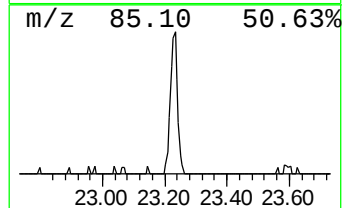
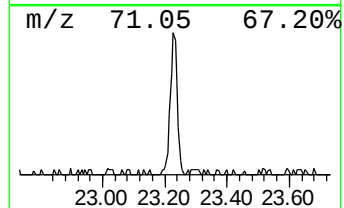
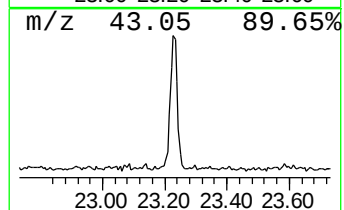
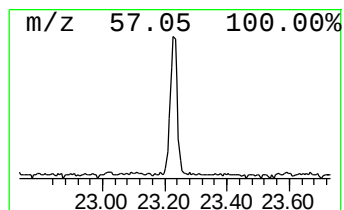
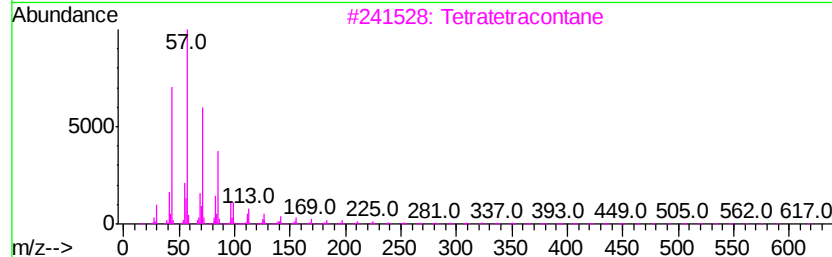
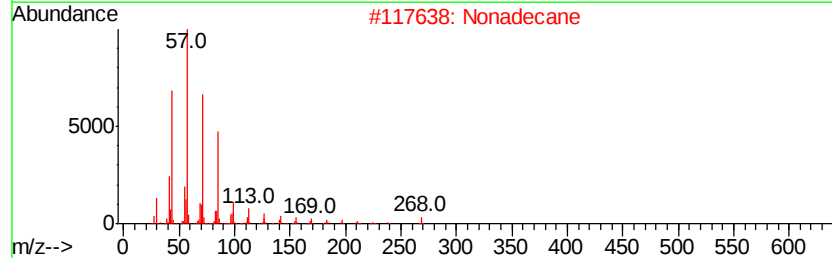
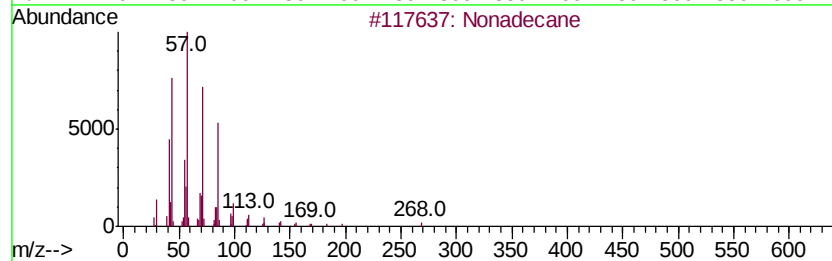
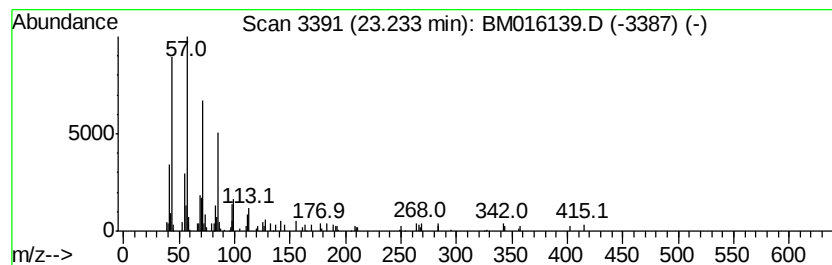
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.23	3.42 ng/ul	136417	Perylene-d12	24.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	93
2		Nonadecane	268	C19H40	000629-92-5	92
3		Tetratetracontane	619	C44H90	007098-22-8	76
4		Hexacosane	366	C26H54	000630-01-3	76
5		Heptacosane	380	C27H56	000593-49-7	76



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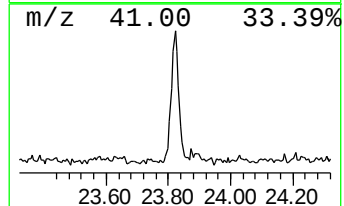
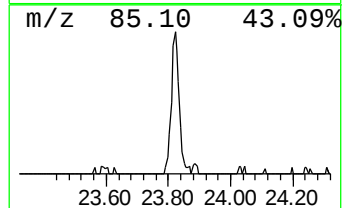
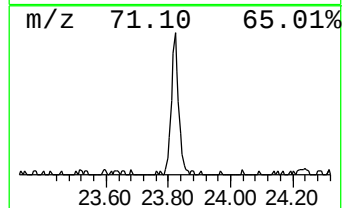
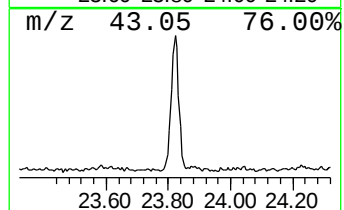
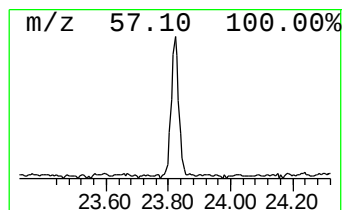
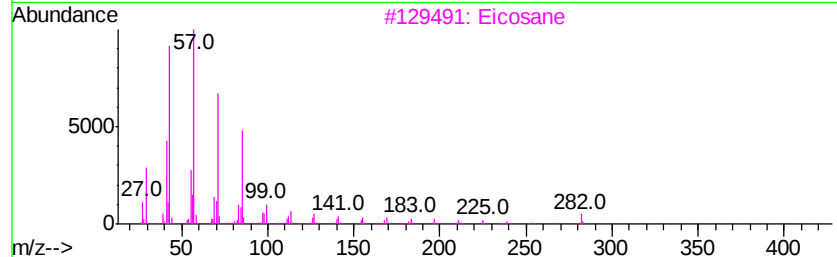
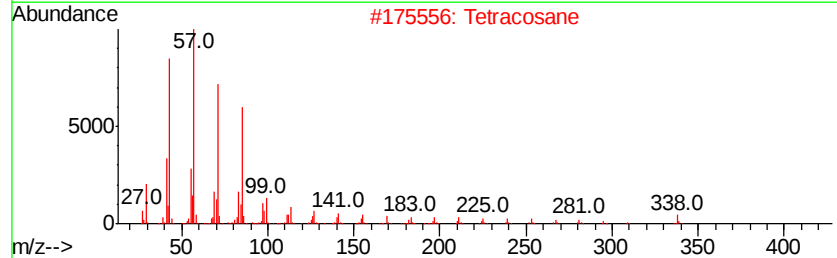
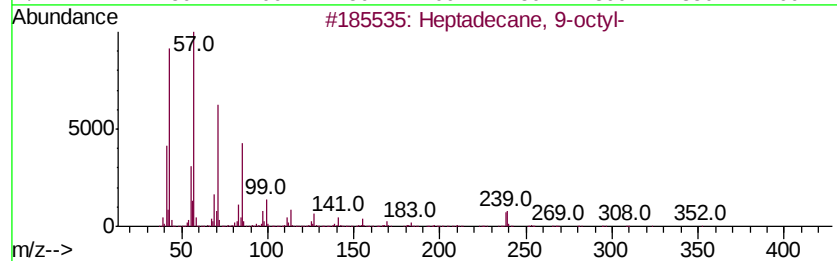
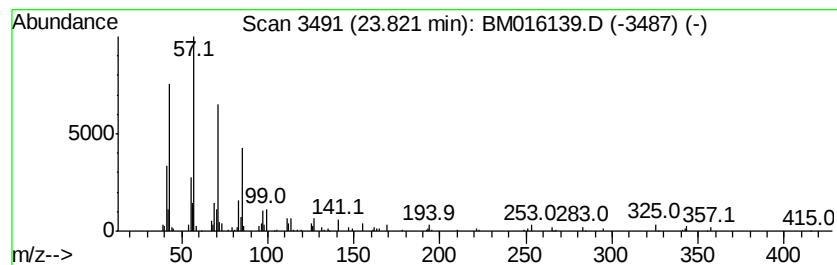
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.82	3.40 ng/ul	135627	Perylene-d12	24.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
2		Tetracosane	338	C24H50	000646-31-1	87
3		Eicosane	282	C20H42	000112-95-8	87
4		Octacosane	394	C28H58	000630-02-4	87
5		Docosane, 11-butyl-	366	C26H54	013475-76-8	87



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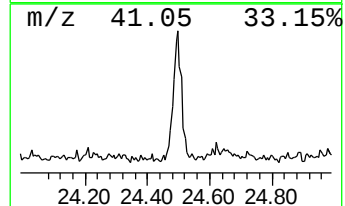
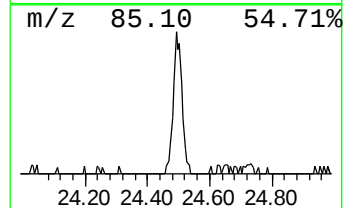
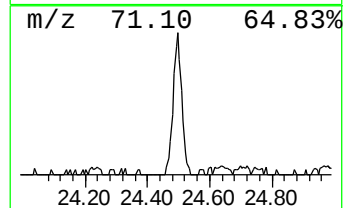
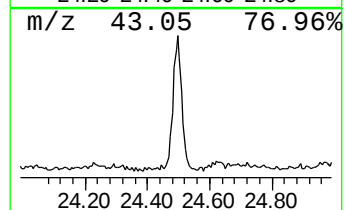
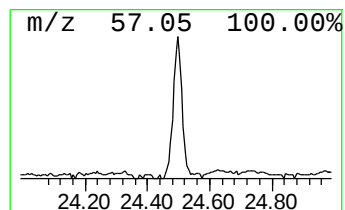
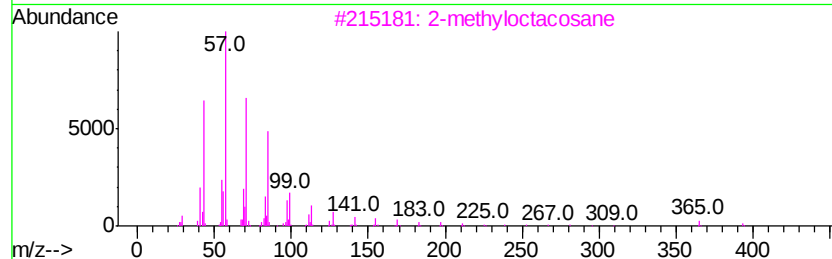
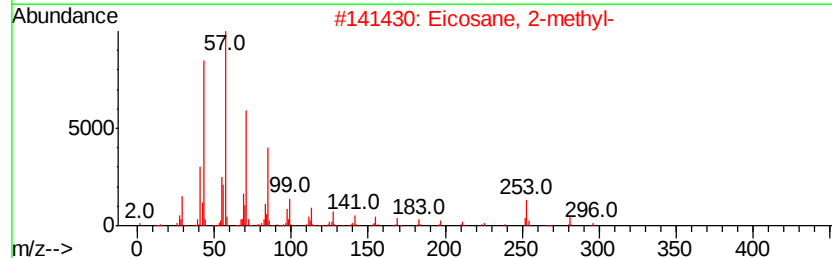
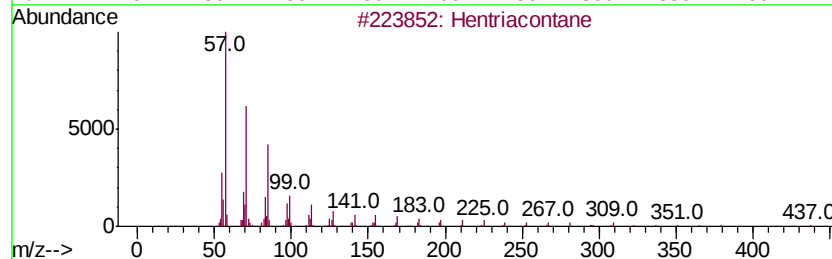
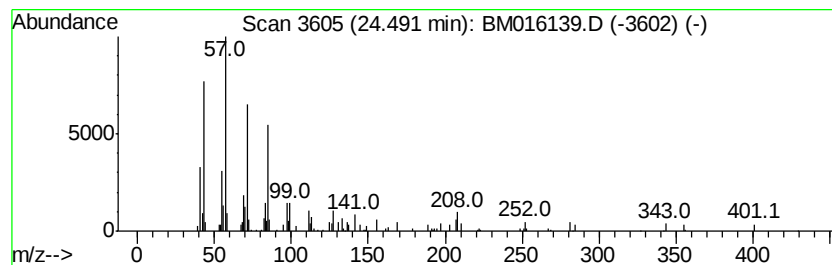
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Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.49	3.85 ng/ul	153698	Perylene-d12	24.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hentriacontane	437	C31H64	000630-04-6	76
2		Eicosane, 2-methyl-	296	C21H44	001560-84-5	68
3		2-methyloctacosane	408	C29H60	1000376-72-8	64
4		Hexacosane	366	C26H54	000630-01-3	62
5		Tetracosane	338	C24H50	000646-31-1	62



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.40	5.7	ng/ul	239430	4	17.56	844220	20.0
Octadecanoic acid	19.66	4.2	ng/ul	205900	5	21.67	991990	20.0
(DEL) Alkane: Str...	23.23	3.4	ng/ul	136417	6	24.03	797591	20.0
(DEL) Alkane: Str...	23.82	3.4	ng/ul	135627	6	24.03	797591	20.0
(DEL) Alkane: Str...	24.49	3.9	ng/ul	153698	6	24.03	797591	20.0